

[0045] What is claimed is:

1. A method for insuring Quality of Service (QoS) for a data session in a CDMA2000
network, the method comprising the steps of:
 - a) receiving a message from an Authentication, Authorization, and Accounting (AAA)
server, the message comprising a QoS traffic class relative to a subscriber;
 - 5 b) mapping the QoS traffic class to at least one CDMA2000 QoS attribute; and
 - c) using the at least one CDMA2000 QoS attribute for establishing the data session for
the subscriber.
2. The method of claim 1, wherein step c) comprises the steps of:
 - c.1) receiving a request for an auxiliary service instance having a requested CDMA2000
QoS attribute; and
 - c.2) determining whether or not the requested CDMA2000 QoS attribute for the auxiliary
5 service instance is allowed using the at least one CDMA2000 QoS attribute.
3. The method of claim 2, further comprising the step of:
 - d) if the CDMA2000 QoS attribute is allowed, setting-up the auxiliary service instance with
a QoS that corresponds to the requested CDMA2000 QoS attribute.

4. A Packet Data Service Node (PDSN) for use in a CDMA2000 network, the PDSN comprising:

a mapping table storing a correspondence between QoS traffic classes and CDMA2000

QoS attributes;

5 a User Profile Interface capable of receiving a message from an Authentication, Authorization, and Accounting (AAA) server, the message comprising a QoS traffic class relative to a subscriber; and

a Resources Management Logic that maps the QoS traffic class to at least one CDMA2000 QoS attribute using information from the mapping table, and that uses the at least one

10 CDMA2000 QoS attribute for establishing a data session for a subscriber.

5. The PDSN of claim 4 further comprising:

a Radio access network Packet data (RP) Interface module capable of receiving a request for an auxiliary service instance having a requested CDMA2000 QoS attribute;

wherein the Resources Management Logic determines whether or not the requested

5 CDMA2000 QoS attribute for the auxiliary service instance is allowed using the at least one CDMA2000 QoS attribute.

6. The method of claim 5, wherein if the CDMA2000 QoS attribute is allowed, the RP Interface module acts to set-up the auxiliary service instance with a QoS that corresponds to the requested CDMA2000 QoS attribute.